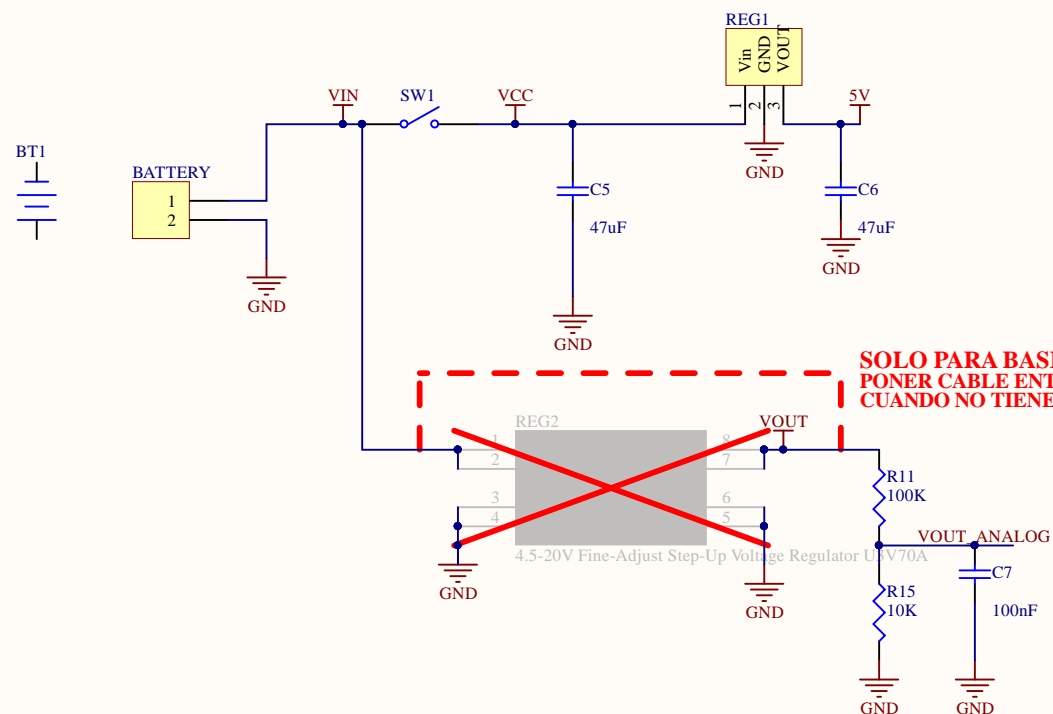
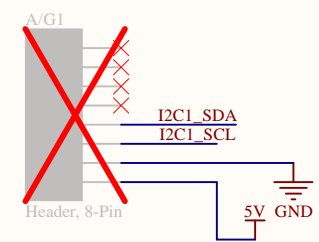
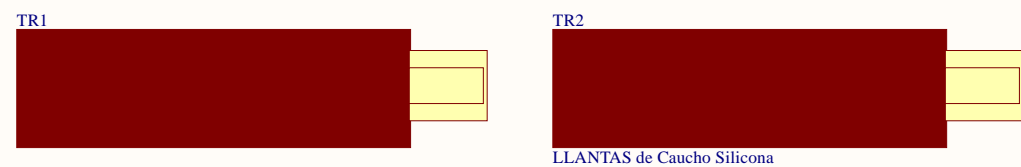
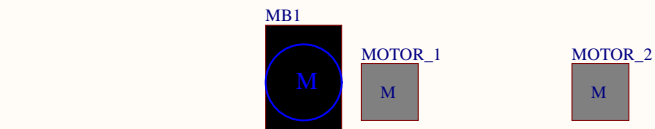
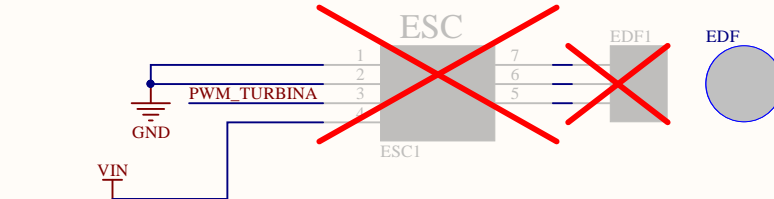
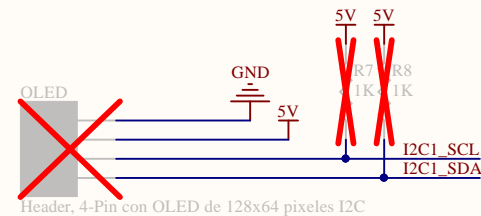
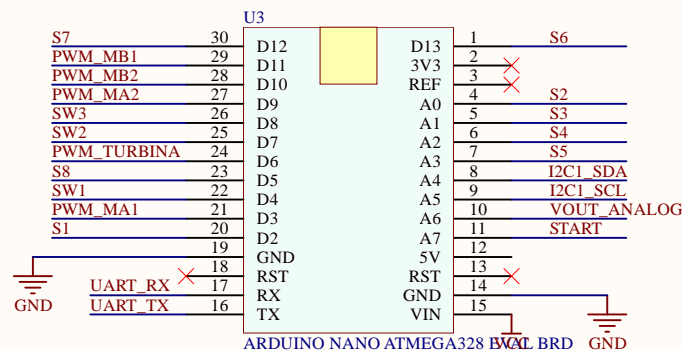
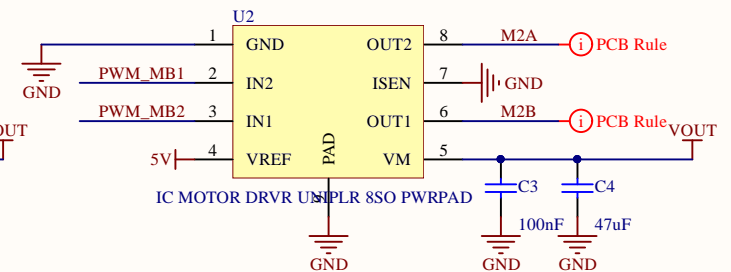
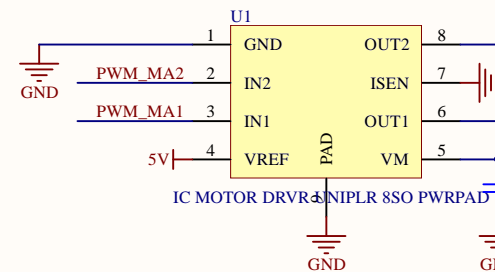
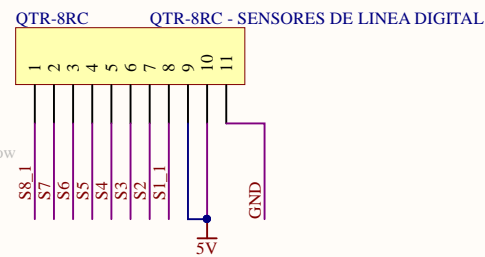
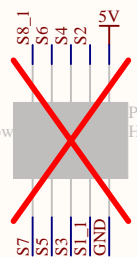
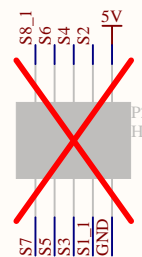


# BASICO

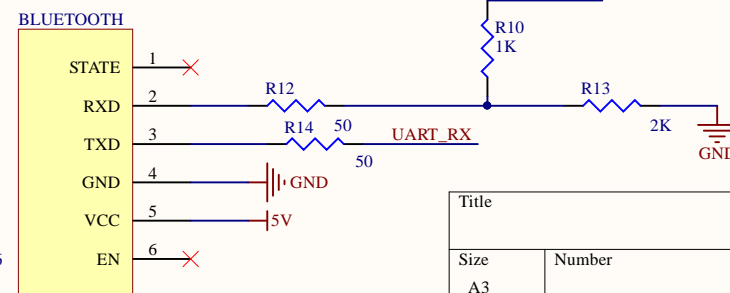
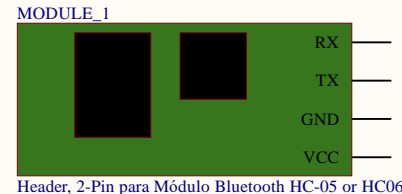
RACHINGENIERIA\_VELOCISTA\_X.PrjPcb

NOTA: LOS ELEMENTOS CON CRUZ NO SE INSTALAN

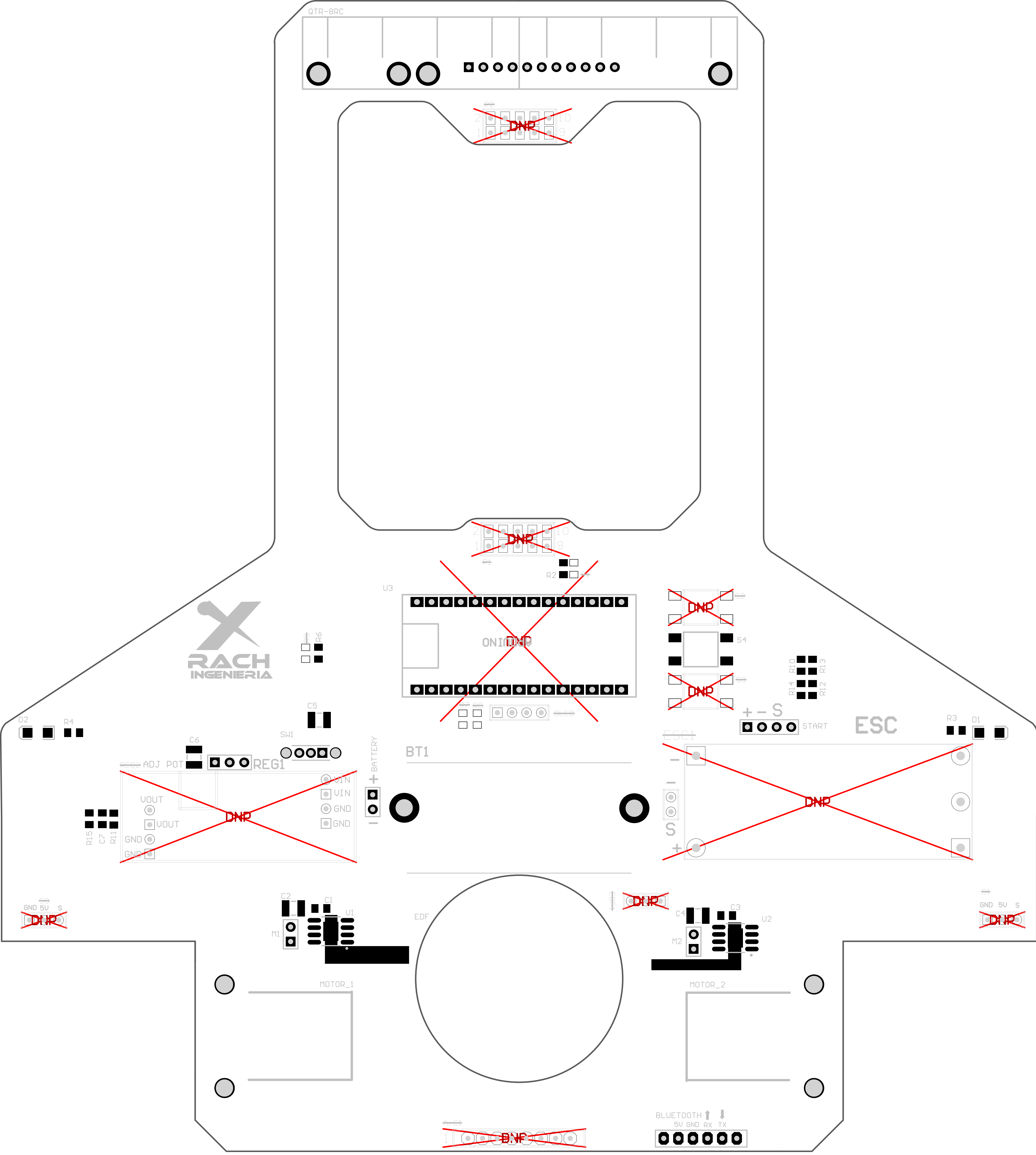


SOLO PARA BASICO (NO AVANZADO)  
PONER CABLE ENTRE ENTRADA Y SALIDA  
CUANDO NO TIENE ELEVADOR

HC06 o HC05  
CONFIGURADO A 115200PBS



Title		
Size	Number	Revision
A3		
Date:	11/4/2019	Sheet of
File:	F:\RACH\...\ARDUINORACHX.SchDoc	Drawn By:



Designator	Quantity	Description	Manufacturer
BATTERY	1	CONN HEADER VERT 2POS	Samtec Inc.
BLUETOOTH	1	CONN HDR 6POS 0.1 GOLD PCB	Sullins Connector Solutions
BT1	1	BATERIA LIPO 2s o 3s a 300mAh a 2000mAh	JJTRONICS
C1, C3, C7	3	CAP CER 0.1UF 50V X7R 0805	KEMET
C2, C4, C5, C6	4	CAP CER 47UF 25V X5R 1210	Taiyo Yuden
D1, D2	2	LED RED CLEAR 1206 SMD	Visual Communications Company - VCC
EDF	1	EDF35 with 11000kv Motor Assembled	HobbyKing
M1, M2	2	Pines para Motor	
MB1	1	Pololu Micro Metal Gearmotor Bracket Pair - Black	POLOLU
MODULE_1	1	Módulo Bluetooth HC-05 or HC06	JJTRONICS
MOTOR_1, MOTOR_2	2	10:1 Micro Metal Gearmotor HPCB 6V -3000rpm	POLOLU
QTR-8RC	1	QTR-8RC - SENSORES DE LINEA DIGITAL	JJTRONICS
R2, R6	2	RES SMD 0 OHM 1% 0.4W 0805	Resistencia
R3, R4	2	RES SMD 220 OHM 1% 0.4W 0805	Resistencia
R10	1	RES SMD 1K OHM 0.1% 1/8W 0805	Resistencia
R11	1	RES SMD 100K OHM 0.1% 1/8W 0805	Resistencia
R12, R14	2	RES SMD 50 OHM 0.05% 1/5W 0805	Resistencia
R13	1	RES SMD 2K OHM 0.1% 1/8W 0805	Resistencia
R15	1	RES SMD 10K OHM 1% 0.4W 0805	Resistencia
REG1	1	DC DC CONVERTER 5V OR -5V o 7805	CUI Inc.
S4	1	PULSADOR - SWITCH TACTILE SPST-NO 0.05A 12V	E-Switch
START	1	MODULO DE ARRANQUE DE COMPETENCIA	JJTRONICS
SW1	1	Mini Switch de dos Posiciones	C&K
TR1, TR2	2	LLANTAS de Caucho Silicona	LLANTAS
U1, U2	2	IC MOTOR DRVR UNIPLR 8SO PWRPAD	Texas Instruments
U3	1	ARDUINO NANO ATMEGA328 EVAL BRD	Arduino

